

Catalog	Unit
TBI3228-5MG	5 mg
TBI3228-25MG	25 mg

Product Details

Formal Name: (\pm)-trans-6-Cyano-3,4-dihydro-2,2-dimethyl-4-(2-oxopyrrolidin-1-yl)-2H-1-benzopyran-3-ol

Alternate Names: BRL-34915

Molecular Formula: C₁₆H₁₈N₂O₃

Formula Weight: 286.30

CAS Number: 94470-67-4

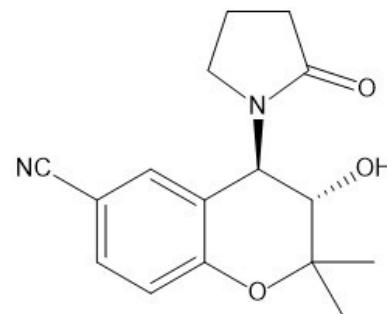
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 40 mg/ml) or in Ethanol (up to 10 mg/ml)

Storage: RT

Stability: \geq 2 years.



Applications

ATP-sensitive potassium channel opener

Functions

Potent and selective ATP-sensitive potassium channel (KATP or Kir6) opener. Dose dependently prevents or suppresses hyperalgesia and allodynia in a sciatic nerve injury model. Displays ocular hypotensive and neuroprotective properties. Attenuates morphine chronic antinociceptive tolerance.

Application Procedures

First dissolved in DMSO (up to 40 mg/ml) or in Ethanol (up to 10 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20° for up to 3 months.

For research use only.